

Project Title	Funding	Strategic Plan Objective	Institution
Young development of a novel pet ligand for detecting oxytocin receptors in brain	\$261,360	Q2.Other	Emory University
White matter glial pathology in autism	\$145,689	Q2.Other	East Tennessee State University
Vocational rehabilitation service models for individuals with autism spectrum disorders (VCU ASC Career Links)	\$350,000	Q6.S.B	Virginia Commonwealth University
Visual processing and later cognitive effects in infants with fragile X syndrome	\$237,070	Q1.Other	University of California, Davis
Visual attention and fine motor coordination in infants at risk for autism	\$73,315	Q1.L.A	University of Connecticut
Virtual Environment for Social Information Processing (VESIP) Phase II	\$335,758	Q4.Other	Soar Technology, Inc.
Virtual environment for social information processing (VESIP)	\$0	Q4.Other	Soar Technology, Inc.
Vicarious neural activity, genetic differences and social fear learning	\$51,326	Q4.S.B	Oregon Health & Science University
Vasopressin receptors and social attachment	\$121,500	Q4.S.B	Emory University
Vasopressin receptor polymorphism and social cognition	\$373,005	Q2.Other	Agnes Scott College
Validating electrophysiological endophenotypes as translational biomarkers of autism	\$28,049	Q4.S.B	University of Pennsylvania
Utility of social robots for promoting joint attention in infants and toddlers with disabilities	\$199,910	Q4.Other	Orelana Hawks Puckett Institute
Using technology to expand and enhance applied behavioral analysis programs for children with autism in military families	\$0	Q5.L.A	University of Nebraska Medical Center
Using robotics to promote social cognitive skills in the inclusive classroom	\$0	Q4.Other	Anthrotronix, Inc.
Using induced pluripotent stem cells to identify cellular phenotypes of autism	\$792,000	Q4.S.B	Stanford University
Using functional physiology to uncover the fundamental principles of visual cortex	\$307,593	Q2.Other	Carnegie Mellon University
Use of a family navigator in families with children newly diagnosed with autism spectrum disorder	\$298,072	Q5.S.A	Boston University School of Medicine
University of Minnesota – Somali Autism Surveillance Project	\$215,462	Q7.J	University of Minnesota
Understanding the cognitive impact of early life epilepsy	\$836,550	Q2.S.E	Boston Children's Hospital
UC Davis Center for Children's Environmental Health (CCEH) (supplement)	\$130,000	Q3.L.D	University of California, Davis
Typical and pathological cellular development of the human amygdala	\$383,750	Q2.Other	University of California, Davis
Trial of a glutamate antagonist in the treatment of OCD and autistic disorders	\$352,969	Q4.L.A	National Institutes of Health
Treatment of sleep disturbances in young children with autism	\$222,265	Q4.S.H	University of Pittsburgh

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Treatment of medical conditions among individuals with autism spectrum disorders	\$264,726	Q2.S.E	National Institutes of Health
Translational developmental neuroscience of autism	\$164,718	Q1.L.B	New York University School of Medicine
Translating pivotal response training into classroom environments	\$0	Q4.L.D	Rady Children's Hospital Health Center
Translating autism intervention for mental health services via knowledge exchange	\$172,585	Q5.L.A	University of California, San Diego
Transition to adult services for youth with autism spectrum disorder	\$294,647	Q6.L.A	Massachusetts General Hospital
Transition age young adults with autism: The role of self-determination, social skills, job search, transportation, and rehabilitation services in employment outcomes	\$100,000	Q6.S.A	University of Massachusetts Boston
Transdisciplinary approaches to autism spectrum disorders	\$299,536	Q5.Other	San Diego State University Foundation
Training school speech-language pathologists to assess and manage communication skills in children with autism	\$199,996	Q5.Other	University of Massachusetts Amherst
Training school psychologists as specialists in the inclusion of students with autism	\$0	Q5.Other	Lehigh University
Training personnel to teach school-age children with autism	\$200,000	Q6.L.A	Auburn University
Training personnel to serve school age children with low incidence disabilities: Autism spectrum disorders	\$200,000	Q5.Other	University of Kansas
Training personnel in minority institutions to serve infants, toddlers, and children with disabilities	\$191,381	Q5.Other	Purdue University
Training outpatient clinicians to deliver cognitive behavior therapy to children	\$255,550	Q4.S.C	University of Colorado Denver
Training & research for autism & collaboration in kinesiology	\$250,000	Q5.Other	Chico Research Foundation
Towards an endophenotype for amygdala dysfunction	\$380,304	Q2.Other	California Institute of Technology
The transcription factor PLZF: A possible genetic link between immune dysfunction and autism	\$0	Q3.L.B	Memorial Sloan-Kettering Cancer Center
The Study of Toddlers with Autism and Regression (STAR) Protocol – Screening for treatable disorders and biomarkers of inflammation and immune activation in the plasma and CNS	\$158,461	Q2.S.A	Surrey Place Centre, Toronto
The role of the Rett gene, chromosome 15q11-q13, other genes, and epigenetics	\$1,187	Q3.S.J	Baylor College of Medicine
The role of MeCP2 in Rett syndrome (supplement)	\$38,273	Q2.S.D	University of California, Davis
The role of MeCP2 in Rett syndrome	\$329,781	Q2.S.D	University of California, Davis
The role of intracellular metabotropic glutamate receptor 5 at the synapse	\$26,338	Q2.S.D	Washington University in St. Louis

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The role of Fox-1 in neurodevelopment and autistic spectrum disorder	\$145,757	Q2.Other	University of California, Los Angeles
The relationship between state EPSDT policies, well-child care and age of autism	\$41,800	Q5.S.A	Johns Hopkins University
The Professional Development Center: Children with autism spectrum disorders	\$1,000,000	Q5.L.C	University of North Carolina at Chapel Hill
The ontogeny of social visual engagement in infants at risk for autism	\$479,226	Q1.L.A	Emory University
The microstructural basis of abnormal connectivity in autism	\$332,991	Q2.Other	University of Utah
The microRNA pathway in translational regulation of neuronal development	\$352,647	Q2.S.D	University of Massachusetts Medical School
The intersection of autism and ADHD	\$161,293	Q1.L.B	Washington University in St. Louis
The genetic control of social behavior in the mouse	\$342,540	Q4.S.B	University of Hawai'i at Manoa
The genetic basis of mid-hindbrain malformations	\$805,771	Q2.S.G	Seattle Children's Hospital
The genetic and neuroanatomical origin of social behavior	\$391,250	Q4.S.B	Baylor College of Medicine
The functional link between DISC1 and neuroligins: Two genetic factors in the etiology of autism	\$0	Q2.S.D	Children's Memorial Hospital, Chicago
The emergence of emotion regulation in children at-risk for autism spectrum disorder	\$8,719	Q1.L.A	University of Miami
The effects of autism on the sign language development of deaf children	\$47,210	Q2.Other	Boston University
The effects of a bicycle training intervention on health, physical activity, sleep, and community participation in youth with Down syndrome and autism spectrum disorders	\$200,000	Q5.L.D	University of Michigan
The development of selective attention in infancy as measured by eye movements	\$53,376	Q1.Other	York University
The development of joint attention after infancy	\$291,832	Q1.L.C	Georgia State University
The Connie Belin & Jacqueline N. Blank International Center for Gifted Education and Talent Development	\$0	Q5.Other	University of Iowa
The comparison of three behavioral therapy approaches for children with autism	\$49,369	Q4.S.F	University of Rhode Island
The cognitive neuroscience of autism spectrum disorders	\$1,102,811	Q2.Other	National Institutes of Health
The CHARGE Study: Childhood Autism Risks from Genetics and the Environment	\$965,562	Q3.S.C	University of California, Davis
The Autism Curriculum Encyclopedia® (ACE®)	\$0	Q4.Other	New England Center for Children, Inc.
Texas Educators for Students with Autism (TESA)	\$188,681	Q5.Other	Texas State University-San Marcos

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Test of integrated language and literacy skills validation research	\$492,135	Q1.Other	Western Michigan University
Tennessee state personnel development grant	\$1,471,361	Q5.Other	Tennessee Department of Education
Tele-health delivery of a family-focused intervention to reduce anxiety in youth with autism spectrum disorders in rural Colorado	\$0	Q5.L.A	University of Colorado Denver
Teaching skills to toddlers: A program for caregivers	\$227,819	Q5.L.A	University of Connecticut
Taste, smell, and feeding behavior in autism: A quantitative traits study	\$570,508	Q2.Other	University of Rochester
Targeted pharmacologic interventions for autism	\$363,488	Q4.L.C	Indiana University-Purdue University Indianapolis
Systematic characterization of the immune response to gluten and casein in autism spectrum disorders	\$0	Q2.S.A	Weill Cornell Medical College
Synchronous activity in networks of electrically coupled cortical interneurons	\$0	Q2.Other	University of California, Davis
Synaptic processing in the basal ganglia	\$378,166	Q2.Other	University of Washington
Synaptic phenotype, development, and plasticity in the fragile X mouse	\$401,852	Q2.S.D	University of Illinois at Urbana Champaign
Synaptic deficits of iPS cell-derived neurons from patients with autism	\$86,446	Q4.S.B	Stanford University
Sustaining evidence-based practice for young learners with autism spectrum disorders through a M.A. degree program	\$199,997	Q5.Other	San Diego State University
Sustainable implementation of family-centered transition planning for young adults with autism spectrum disorders	\$200,000	Q5.L.A	University of New Hampshire
Surveillance of Autism Spectrum Disorders (ASD) in select children in Minneapolis and of Somali descent	\$150,000	Q7.J	University of Minnesota
Supporting the well-being of families of young children with autism spectrum disorders	\$0	Q5.Other	Boston University School of Medicine
Supporting teens with autism on relationships	\$415,990	Q6.L.A	Danya International, Inc.
Successful transition in the early school years for children with autism	\$398,103	Q5.Other	University of California, Riverside
Study of fragile X mental retardation protein in synaptic function and plasticity	\$366,516	Q2.S.D	University of Texas Southwestern Medical Center
Studying the impact of service-learning on career development, self-determination, and social skill building for youth with autism spectrum disorders	\$300,000	Q6.S.A	University of Massachusetts Boston
Studying the biology and behavior of autism at 1-year: The Well-Baby Check-Up approach	\$272,245	Q1.L.A	University of California, San Diego
Studies of pediatrics patients with genetic and metabolic disorders	\$1,546,115	Q4.S.B	National Institutes of Health

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Structural brain differences between autistic and typically-developing siblings	\$13,020	Q2.Other	Stanford University
Structural and functional neural correlates of early postnatal deprivation	\$150,423	Q3.S.H	Wayne State University
Structural and functional connectivity of large-scale brain networks in autism spectrum disorders	\$168,978	Q2.Other	Stanford University
Statistical analysis of biomedical imaging data in curved space	\$326,619	Q2.Other	University of North Carolina at Chapel Hill
State of the states in services and supports for persons with autism spectrum disorder.	\$88,154	Q7.B	Centers for Medicare & Medicaid Services (CMS)
Spectrum Support Program (SSP): A transition and support program for students with autism spectrum disorders pursuing degrees and careers in STEM fields	\$0	Q6.Other	Rochester Institute of Technology
Special educator preparation in autism spectrum disorders	\$0	Q5.Other	University of Central Florida
Southern Connecticut State University Center for Excellence on Autism Spectrum Disorders	\$0	Q5.L.C	Southern Connecticut State University
SOTELCO in classroom settings	\$369,578	Q5.L.A	University of Kansas Medical Center Research Institute, Inc.
Social evaluation in infants and toddlers	\$409,613	Q1.L.B	Yale University
Social-emotional development of infants at risk for autism spectrum	\$598,969	Q1.L.B	University of Washington
Social determinants of the autism epidemic	\$796,950	Q3.L.D	Columbia University
Social communication and symbolic play intervention for preschoolers with autism	\$0	Q4.L.D	University of North Carolina at Chapel Hill
Social brain networks for the detection of agents and intentions	\$413,750	Q2.Other	Yale University
Social and statistical mechanisms of prelinguistic vocal development	\$0	Q1.Other	Cornell University
Social and affective components of communication	\$298,757	Q2.Other	Salk Institute For Biological Studies
Social-affective bases of word learning in fragile X syndrome and autism	\$544,482	Q1.Other	University of Wisconsin - Madison
Simons Simplex Collection	\$144,848	Q3.L.B	Baylor College of Medicine
Sex differences in early brain development; Brain development in turner syndrome	\$156,841	Q2.S.D	University of North Carolina at Chapel Hill
Sex chromosomes, epigenetics, and neurobehavioral disease	\$378,841	Q3.S.K	University of Virginia
Service transitions among youth with autism spectrum disorders	\$212,351	Q6.L.B	Washington University in St. Louis
Serum antibody biomarkers for ASD	\$570,780	Q1.L.A	University of Texas Southwestern Medical Center

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Serotonin signal transduction in two groups of autistic patients	\$0	Q2.Other	University of Illinois at Chicago
Serotonin, corpus callosum, and autism	\$300,218	Q4.S.B	University of Mississippi Medical Center
Serotonin, autism, and investigating cell types for CNS disorders	\$249,000	Q4.S.B	Washington University in St. Louis
Sensory processing and integration in autism	\$550,283	Q2.Other	Albert Einstein College of Medicine of Yeshiva University
Sensory over responsivity & anxiety in youth with autism	\$33,337	Q4.Other	University of California, Los Angeles
Sensory mechanisms and self-injury	\$392,262	Q2.S.E	University of Minnesota
Sensory integration and language processing in autism	\$149,435	Q1.L.C	University of Rochester
Sensory experiences in children with autism	\$492,743	Q1.Other	University of North Carolina at Chapel Hill
Sensory based CNS diagnostics for the clinic	\$218,946	Q1.S.B	University of North Carolina at Chapel Hill
Sensory adapted dental environments to enhance oral care for children with autism	\$234,424	Q5.L.E	University of Southern California
Sensor-based technology in the study of motor skills in infants at risk for ASD	\$242,606	Q1.L.A	University of Pittsburgh
Self-regulation and sleep in children at risk for autism spectrum disorders	\$90,000	Q2.S.E	University of California, Davis
Self-injurious behavior: An animal model of an autism endophenotype	\$0	Q2.Other	University of Florida
Selective disruption of hippocampal dentate granule cells in autism: Impact of PTEN deletion	\$367,500	Q2.S.E	Cincinnati Children's Hospital Medical Center
SED's vocational rehabilitation service models for individuals with autism spectrum disorders	\$350,000	Q6.S.B	Southwest Educational Development Corporation
Role of GluK6 in cerebella circuitry development	\$55,826	Q2.Other	Yale University
Role of autism-susceptibility gene, CNTNAP2, in neural circuitry for vocal communication	\$0	Q2.Other	University of California, Los Angeles
Robot child interactions as an intervention tool for children with autism	\$353,250	Q4.Other	University of Connecticut
RNA expression patterns in autism	\$705,545	Q3.L.B	Boston Children's Hospital
Risk factors, comorbid conditions, and epidemiology of autism in children	\$143,162	Q3.S.H	Henry M. Jackson Foundation
Risk and resiliency for youth with autism during the transition to adulthood	\$142,193	Q6.S.A	Vanderbilt University
RI: Small: Addressing visual analogy problems on the raven's intelligence test	\$165,546	Q2.Other	Georgia Tech Research Corporation
Revealing protein synthesis defects in fragile X syndrome with new chemical tools	\$315,341	Q2.S.D	Stanford University
Restricted repetitive behavior in autism	\$377,158	Q1.L.B	University of North Carolina at Chapel Hill

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Report on state services to individuals with autism spectrum disorders - Nine state study	\$0	Q5.S.C	Centers for Medicare & Medicaid Services (CMS)
Related services intervention for expressive and receptive language skills in autism spectrum disorder and in cognitive impairment	\$310,894	Q4.L.D	Vanderbilt University
Regulation of synapse elimination by FMRP	\$54,734	Q2.S.D	University of Texas Southwestern Medical Center
Regulation of gene expression in the brain	\$2,003,514	Q4.S.B	National Institutes of Health
Regulation of activity-dependent ProSap2 synaptic dynamics	\$33,879	Q2.Other	Stanford University
Regulation of 22q11 genes in embryonic and adult forebrain	\$308,631	Q2.S.D	George Washington University
Reducing obesity risk in children with developmental disabilities	\$29,999	Q5.L.D	Temple University
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	Arkansas Children's Hospital Research Institute
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	State University of New York at Potsdam
Redox abnormalities as a vulnerability phenotype for autism and related alterations in CNS development	\$0	Q2.S.A	University of Rochester
Recruiting and preparing highly qualified special educators	\$200,000	Q5.Other	University of Central Florida
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	\$0	Q1.L.C	Johns Hopkins University
Reach to Teach: Serving infants, toddlers, and young children with autism spectrum disorders and developmental disabilities	\$297,849	Q5.Other	University of Texas of the Permian Basin
Rapid phenotyping for rare variant discovery in autism	\$645,169	Q3.S.A	University of California, Los Angeles
Rapid characterization of balanced genomic rearrangements contributing to autism	\$53,459	Q3.L.B	Massachusetts General Hospital
Randomized controlled trial of the P.L.A.Y. Project intervention for autism	\$546,588	Q4.L.D	Richard Solomon MD, PLC
Psychobiological investigation of the socioemotional functioning in autism	\$347,305	Q2.Other	Vanderbilt University
Proteomics in drosophila to identify autism candidate substrates of UBE3A (supplement)	\$29,600	Q2.S.D	University of Tennessee Health Science Center
Proteomics in drosophila to identify autism candidate substrates of UBE3A	\$313,159	Q2.S.D	University of Tennessee Health Science Center
Prostaglandins and cerebellum development	\$371,250	Q2.S.A	University of Maryland, Baltimore
Project STARS: Systematic Training for Autism Researchers and School Personnel	\$0	Q7.K	University of North Texas

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Project STARS: Specialized Training in Autism for Rural Schools	\$0	Q5.L.A	West Virginia University Research Corporation
Project SCIPP (Significant Cognitive Disabilities Personnel Preparation - A Multi-University Consortium)	\$0	Q5.L.A	University of Florida
Project SASI: Students with Autism & Sensory Impairments - Addressing the personnel shortages of rural, remote and high-need areas	\$249,999	Q5.Other	Texas Tech University
Project S.A.G.E. Successfully Accessing General Education	\$199,631	Q5.Other	University of South Florida
Project PEACE (Preparing Educators About Autism Through Collaborative Efforts)	\$199,980	Q5.L.C	Florida International University
Project Mosaic: Preparing highly qualified educators to meet the unique needs of students with autism in diverse settings	\$0	Q5.L.C	San Francisco State University
Project Manawa Kupono (Opportunity): Preparing educators to improve outcomes for students with autism	\$0	Q5.L.C	University of Hawaii
Project iTAPE: Improve Training in Adapted Physical Education	\$233,121	Q5.Other	University of Utah
Project IMPRESS - Interactive Master's: Preparing, Responding, Enhancing School-based Speech-Language Pathologists	\$199,980	Q5.L.C	Bloomsburg University of Pennsylvania
Project I-CARE: Culturally Aligned and Responsive Early Intervention.	\$250,000	Q5.L.C	Queen's College (City University of New York)
Project DATA (Developmentally Appropriate Treatment for Autism) for teachers: Preparing teachers for toddlers and preschoolers with autism spectrum disorder	\$0	Q5.Other	University of Washington
Project DART: Distance Education for Autism Personnel in Rural Texas	\$199,689	Q5.L.A	University of North Texas
Project Connect: Connecting school districts with highly qualified teachers in low-incidence disabilities	\$199,763	Q5.Other	University of Nevada
Project Common Ground: Preparing highly qualified speech-language pathologists to meet the communication needs of children with autism spectrum disorder in diverse settings	\$249,272	Q5.L.C	San Francisco State University
Project CHANGE (Children with Autism Need a Great Education)	\$199,463	Q5.Other	University of Texas at El Paso
Project CAT (Comprehensive Autism Teaching)	\$199,988	Q5.L.C	Touro University
Project ASSET: Autism Spectrum Specialized Education and Training (ASSET)	\$200,000	Q5.L.C	Florida State University
Project Adapted PE	\$0	Q5.L.C	University of Utah
Project ABELL: Preparing early childhood special educators to support young children with autism or disabilities in behavior, language and/or literacy	\$250,000	Q5.Other	University Of Missouri Board of Curators

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Project 1: Effect of multi-level environmental exposure on birth outcomes	\$30,931	Q3.S.C	University of California, Berkeley
Primate models of autism	\$75,629	Q2.S.A	University of California, Davis
Presynaptic regulation of quantal size by the cation/H ⁺ exchangers NHE6 & NHE9	\$29,650	Q2.Other	University of California, Berkeley
Presynaptic fragile X proteins	\$90,000	Q2.S.D	Brown University
Preparing tomorrow's school psychology faculty to meet the needs of children with disabilities using evidence-based practices	\$196,402	Q5.Other	University of Utah
Preparing teachers to teach children with autism & developmental disabilities	\$199,523	Q5.Other	Bank Street College of Education
Preparing special educators to work with children and youth with autism	\$200,000	Q5.Other	University of Oregon
Preparing special educators to be leaders in the implementation of effective techniques for supporting children and youth with autism spectrum disorders	\$0	Q5.Other	Santa Clara University
Preparing special educators in autism spectrum disorders	\$299,979	Q5.Other	University of Central Florida
Preparing SLPs, OTs, early childhood special educators, and developmental psychologists for leadership roles in teaching, research, and service focused on young children with autism and their families	\$0	Q7.K	University of North Carolina at Chapel Hill
Preparing school psychologists to work with children with autism using evidence-based practices	\$182,623	Q5.Other	University of Utah
Preparing personnel for intervention with young children with autism	\$200,000	Q5.Other	Vanderbilt University
Preparing early childhood special educators, occupational therapists, and speech-language pathologists for working with young children with autism and their families	\$199,365	Q5.Other	University of North Carolina at Chapel Hill
Preparing and supporting personnel in Western North Carolina to teach students with severe disabilities	\$200,000	Q5.L.C	Western Carolina University
Preparation of personnel to service children with high-incidence disabilities	\$0	Q5.Other	University of Washington
Preparation of personnel to serve school age children with low incidence disabilities: Focus on high quality instruction in core academic area in the least restrictive environment	\$0	Q5.L.C	University of New Hampshire
Preparation of occupational therapists and physical therapists for service provision in early intervention and related services	\$0	Q5.Other	University of Oklahoma
Preparation of leadership personnel to serve infants, toddlers, children, and youth with autism	\$0	Q7.K	Florida State University
Preparation of leaders across the lifespan for autism	\$500,000	Q7.K	Texas A&M University

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Preparation for transition and secondary teachers of students with low-incidence disabilities	\$0	Q6.S.D	Kent State University
Prenatal and neonatal biologic markers for autism	\$610,723	Q3.S.C	Kaiser Foundation Research Institute
Predictors of effects of propranolol on language & connectivity in autism	\$188,378	Q4.S.F	University of Missouri
Predicting useful speech in children with autism (supplement)	\$195,164	Q1.L.B	Vanderbilt University
Predicting useful speech in children with autism	\$607,697	Q1.L.B	Vanderbilt University
Predicting phenotypic trajectories in Prader-Willi syndrome	\$310,752	Q2.S.D	Vanderbilt University
Predicting autism through behavioral and biomarkers of attention in infants	\$35,518	Q1.L.A	University of South Carolina
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Preclinical testing of novel oxytocin receptor activators in models of autism phenotypes	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Pragmatic skills of young males and females with fragile X syndrome	\$396,073	Q2.L.A	University of North Carolina at Chapel Hill
Post-doctoral training in special education research	\$159,737	Q7.K	University of North Carolina at Chapel Hill
Post-doctoral special education research training in urban communities: A research to practice model	\$163,459	Q7.K	University of Kansas
Population genetics to improve homozygosity mapping and mapping in admixed groups	\$48,398	Q3.L.B	Harvard Medical School
Pleiotropic roles of dyslexia genes in neurodevelopmental language impairments	\$41,800	Q2.S.D	Yale University
Placental vascular tree as biomarker of autism/ASD risk	\$0	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
Physiology of attention and regulation in children with ASD and LD	\$352,532	Q2.Other	Seattle Children's Hospital
Phase II. Digital Interactive Scene Program for Language in Autism (DISPL-A)	\$484,483	Q4.S.G	Monarch Teaching Technology, Inc.
Phase 2: Animated Visual Support for Social Support (AViSSS); An interactive virtual experience for social skill development	\$248,001	Q4.Other	University Of Kansas Center For Research, Inc.
Pharmacotherapy of pervasive developmental disorders	\$184,540	Q4.L.C	Indiana University-Purdue University Indianapolis
Personnel to serve students with autism and significant cognitive disabilities	\$199,477	Q5.Other	Pace University
Personnel preparation program in low incidence severe disabilities	\$241,608	Q5.L.C	University Of North Carolina at Charlotte

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Personnel preparation program in low-incidence severe disabilities	\$0	Q5.Other	University of North Carolina at Chapel Hill
Personnel preparation for serving children with low incidence disabilities	\$0	Q5.Other	University of Vermont and State Agricultural College
Personnel development to improve services and results for children with disabilities	\$299,997	Q5.L.C	San Diego State University Foundation
Perception of social and physical contingencies in infants with ASD	\$319,523	Q1.L.B	Emory University
Penn State Children's Communicative Competence Project	\$249,927	Q5.Other	Pennsylvania State University-University Park
Penn State AAC Leadership Project: Preparing faculty in AAC research & personnel preparation to improve services & results for high-need children with severe communication disorders	\$499,934	Q5.L.C	Pennsylvania State University-University Park
Peer support and peer network interventions to improve peer relationships and school engagement	\$622,904	Q4.L.D	Vanderbilt University
Patient iPS cells with copy number variations to model neuropsychiatric disorders	\$348,624	Q4.S.B	The Hospital for Sick Children
Pathophysiology of MeCP2 spectrum disorders	\$170,383	Q2.S.D	Baylor College of Medicine
Partnering with autistic adults to develop tools to improve primary healthcare	\$329,490	Q6.L.A	Oregon Health & Science University
Parent-mediated vs. center-based intervention for toddlers with ASD: An RCT	\$0	Q4.L.D	Kennedy Krieger Institute
Parenting your young child with autism: A web-based tutorial	\$449,492	Q5.L.A	Center For Psychological Consultation
Parent implemented training for autism through teleconsultation (PITA-T)	\$296,146	Q5.L.A	West Virginia University
Parent-implemented social-pragmatic communication intervention for young children with developmental disabilities	\$302,254	Q4.L.D	Illinois State University
Parent-based sleep education program for children with autism spectrum disorders	\$295,434	Q4.Other	Vanderbilt University
PA Community on Transition: Achieving outcomes through a shared agenda	\$281,250	Q6.L.A	Pennsylvania Office of Vocational Rehabilitation - Department of Labor & Industry
Optimizing initial communication for children with autism	\$356,014	Q4.S.G	University of Massachusetts Medical School
OPAM: A conference on object perception attention and memory	\$7,200	Q7.K	University of South Carolina
Online communication assessment to improve outcomes for individuals with severe disabilities	\$0	Q1.Other	Oregon Health & Science University
Olfactory abnormalities in the modeling of Rett syndrome	\$351,575	Q2.S.D	Johns Hopkins University
Office of the Scientific Director	\$6,957,996	Q7.Other	National Institutes of Health

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OCT blockade to restore sociability in 5-HT transporter knock-out mice	\$74,250	Q4.S.B	University of Texas Health Science Center at San Antonio
Novel therapeutic targets to treat social behavior deficits in autism and related disorders	\$560,625	Q4.S.B	University of Texas Health Science Center at San Antonio
Novel strategies to manipulate Ube3a expression for the treatment of autism and Angelman syndrome	\$0	Q4.S.B	University of North Carolina at Chapel Hill
Novel probiotic therapies for autism	\$0	Q4.S.B	California Institute of Technology
Novel genetic models of autism	\$336,813	Q4.S.B	University of Texas Southwestern Medical Center
Novel computational methods for higher order diffusion MRI in autism	\$665,572	Q2.Other	University of Pennsylvania
Novel animal models of impaired social behavior and anxiety: A role for MeCP2	\$198,000	Q3.L.C	University of Pennsylvania
NM-PASS (New Mexico-Preparing Autism Spectrum Specialists)	\$298,562	Q5.L.C	Board of Regents of New Mexico State University
NIH Workshop: Ethical, Legal and Social Implications of Autism Research	\$71,489	Q1.S.F	N/A
Next generation gene discovery in familial autism	\$699,721	Q3.L.B	University of Washington
Next generation approaches to non-human primate bioinformatics	\$13,753	Q3.Other	Harvard Medical School
New Families, Agencies, Communities, and Educational Strategies (FACES) in early childhood special education	\$0	Q5.L.C	San Jose State University Foundation
New approaches to local translation: SpaceSTAMP of proteins synthesized in axons	\$246,254	Q2.S.D	Dana-Farber Cancer Institute
Neuronal activity-dependent regulation of MeCP2	\$426,857	Q2.S.D	Harvard Medical School
Neuroligin function in vivo: Implications for autism and mental retardation	\$388,575	Q4.S.B	University of Texas Southwestern Medical Center
Neuroimmunologic investigations of autism spectrum disorders (ASD)	\$264,726	Q2.S.F	National Institutes of Health
Neuroimaging of top-down control and bottom-up processes in childhood ASD	\$386,859	Q2.Other	Georgetown University
Neuroimaging of social perception	\$242,812	Q2.Other	University of Virginia
Neuroimaging & symptom domains in autism	\$10,135	Q1.L.B	University of California, Los Angeles
Neuroendocrine regulation of metabolism and neurocognition	\$434,644	Q2.S.E	National Institutes of Health
Neurodevelopmental mechanisms of social behavior (supplement)	\$198,063	Q2.Other	University of Southern California
Neurodevelopmental mechanisms of social behavior	\$331,208	Q2.Other	University of Southern California
Neurocognitive mechanisms underlying children's theory of mind development	\$74,160	Q2.Other	University of California, San Diego

Project Title	Funding	Strategic Plan Objective	Institution
Neurocognitive markers of response to treatment in autism	\$75,983	Q4.S.F	University of California, Davis
Neurobiology of sociability in a mouse model system relevant to autism	\$350,831	Q4.S.B	University of Pennsylvania
Neurobiology of mouse models for human chr 16p11.2 microdeletion and fragile X	\$249,480	Q4.S.B	Massachusetts Institute of Technology
Neurobiological signatures of social dysfunction and repetitive behavior	\$389,854	Q4.S.B	Vanderbilt University
Neurobiological signatures of audiovisual speech perception in children in ASD	\$240,420	Q2.Other	Haskins Laboratories, Inc.
Neurobiological correlates of language dysfunction in autism spectrum disorders	\$535,464	Q2.Other	The Mind Research Network
Neurobehavioral research on infants at risk for SLI and autism (supplement)	\$345,307	Q1.L.A	Boston University
Neurobehavioral research on infants at risk for SLI and autism	\$671,693	Q1.L.A	Boston University
Neurobehavioral investigation of tactile features in autism spectrum disorders	\$159,480	Q2.Other	Vanderbilt University
Neural systems for the extraction of socially-relevant information from faces	\$51,783	Q2.Other	Dartmouth College
Neural synchronydysfunction of gamma oscillations in autism	\$265,073	Q2.Other	University of Colorado Denver
Neural predictors of language acquisition after intensive behavioral intervention	\$181,207	Q1.L.B	University of California, Los Angeles
Neural mechanisms underlying obsessive compulsiveness in ASD	\$31,987	Q1.L.B	University of Michigan
Neural mechanisms of tactile sensation in rodent somatosensory cortex	\$256,605	Q2.Other	University of California, Berkeley
Neural mechanisms of imitative behavior: Implications for mental health	\$32,696	Q2.Other	University of California, Los Angeles
Neural economics of biological substrates of valuation	\$379,913	Q1.L.C	Baylor College of Medicine
Neural correlates of restricted, repetitive behaviors in autism spectrum disorders	\$0	Q2.S.G	Massachusetts General Hospital
Neural correlates of restricted, repetitive behaviors in autism spectrum disorders	\$0	Q2.S.G	Massachusetts General Hospital
Neural circuitry of social cognition in the broad autism phenotype	\$405,855	Q2.S.G	University of North Carolina at Chapel Hill
Neural basis of empathy and its dysfunction in autism spectrum disorders (ASD)	\$0	Q2.Other	Duke University
Neural basis of cross-modal influences on perception	\$154,104	Q2.Other	University of California, San Diego
Neural basis of behavioral flexibility	\$360,214	Q2.Other	Mount Sinai School of Medicine

Project Title	Funding	Strategic Plan Objective	Institution
Neonatal biomarkers in extremely preterm babies predict childhood brain disorders	\$3,465,570	Q3.S.H	Boston Medical Center
Neocortical mechanisms of categorical speech perception	\$240,744	Q2.Other	University of California, San Francisco
National Resource and Information Center on Autism Spectrum Disorder and other Developmental Disabilities	\$750,000	Q5.Other	The Arc of the United States
National Database on Autism Research (NDAR)	\$1,517,596	Q7.H	Center For Information Technology, National Institutes of Health
National Center on Inclusive Education for Children with Autism Spectrum Disorders and Related Disabilities	\$0	Q5.L.C	University of New Hampshire - Institute on Disability/University Center for Excellence on Disability (UCED)
National Center on Inclusive Education for Children and Youth with Autism Spectrum Disorders	\$0	Q5.L.C	University of New Hampshire - Institute on Disability/University Center for Excellence on Disability (UCED)
Multiple social tasks and social adjustment	\$143,550	Q1.L.B	California State University, Northridge
Murine genetic models of autism	\$142,791	Q4.S.B	Vanderbilt University
Multisensory integration in children with ASD	\$229,813	Q2.Other	University of California, Davis
Multisensory integration and temporal synchrony in autism	\$35,100	Q2.Other	University of Rochester
Multisensory integration and temporal processing in autism	\$48,398	Q4.S.C	Vanderbilt University
Multiplexed suspension arrays to investigate newborn and childhood blood samples for potential immune biomarkers of autism	\$0	Q1.L.A	Centers for Disease Control and Prevention (CDC)
Multiple systems in theory of mind development	\$0	Q2.Other	Rutgers, The State University of New Jersey - New Brunswick
Multimodal studies of executive function deficits in autism spectrum disorders	\$51,942	Q2.Other	Massachusetts General Hospital
Multimodal brain imaging in autism spectrum disorders	\$167,832	Q2.Other	University of Washington
Multimodal analyses of face processing in autism & down syndrome	\$182,882	Q2.Other	University of Massachusetts Medical School
Multimedia tool for psychology graduate student ASD assessment training	\$449,703	Q1.S.A	Virtual Reality Aids, Inc.
MTHFR functional polymorphism C677T and genomic instability in the etiology of idiopathic autism in simplex families	\$114,984	Q2.Other	Queen's University
MRI: Acquisition of instruments for interaction, learning, and perception in virtual environments	\$0	Q4.Other	Vanderbilt University
Mouse models of the neuropathology of tuberous sclerosis complex	\$253,177	Q2.S.D	University of Texas Health Science Center at Houston
Motor skill learning in autism	\$412,236	Q2.Other	Kennedy Krieger Institute
Motor control and cerebellar maturation in autism	\$157,148	Q2.Other	University of Texas Southwestern Medical Center

Project Title	Funding	Strategic Plan Objective	Institution
Morphogenesis and function of the cerebral cortex	\$409,613	Q2.Other	Yale University
Monolingual and bilingual infants' sensitivity to agreement morphology in Spanish	\$143,650	Q2.Other	Florida International University
Molecular mechanisms regulating synaptic strength	\$293,266	Q2.Other	Washington University in St. Louis
Molecular mechanisms linking early life seizures, autism and intellectual disability	\$332,369	Q2.S.E	University of Colorado Denver
Molecular controls over callosal projection neuron subtype specification and diversity	\$41,800	Q2.Other	Harvard University
Molecular components of A-type K+ channels	\$363,366	Q2.S.E	New York University School of Medicine
Molecular and genetic epidemiology of autism	\$1,125,352	Q3.L.B	University of Miami Miller School of Medicine
Molecular analysis of bipolar and schizophrenia candidate genes	\$408,400	Q3.S.J	Albert Einstein College of Medicine of Yeshiva University
Modulation of fxr1 splicing as a treatment strategy for autism in fragile X syndrome	\$0	Q2.S.D	Stanford University
MicroRNAs in synaptic plasticity and behaviors relevant to autism	\$131,220	Q2.S.D	Massachusetts General Hospital
MET signaling in neural development and circuitry formation	\$83,810	Q2.Other	University of Southern California
Metropolitan Atlanta Developmental Disabilities Surveillance Program/Autism and Developmental Disabilities Monitoring (ADDM) network - Georgia	\$1,092,786	Q7.I	Centers for Disease Control and Prevention (CDC)
Metacognition in comparative perspective	\$210,896	Q2.Other	University at Buffalo, The State University of New York
Metabolic signature of antipsychotics used in the treatment of autism	\$588,750	Q4.L.C	University of Cincinnati
Mental Health/Disabilities (MHDD) Research Education Program	\$148,926	Q7.K	Boston Children's Hospital
MeHG stimulates antiapoptotic signaling in stem cells	\$0	Q3.S.F	Kennedy Krieger Institute
Meeting the needs of individuals with autism spectrum disorders through comprehensive services	\$0	Q5.Other	Centers for Medicare & Medicaid Services (CMS)
MeCP2 modulation of bdnf signaling: Shared mechanisms of Rett and autism	\$314,059	Q2.S.D	University of Alabama at Birmingham
Mechanisms of stress-enhanced aversive conditioning	\$381,250	Q4.S.B	Northwestern University
Mechanisms of mitochondrial dysfunction in autism	\$0	Q2.S.A	Georgia State University
Mechanisms of mGluR5 function and dysfunction in mouse autism models	\$419,137	Q2.S.D	University of Texas Southwestern Medical Center
Mechanisms for 5-HTT control of PPI and perseverative behavior using mouse models	\$375,589	Q2.S.G	University of Chicago
Mechanism of UBE3A imprint in neurodevelopment	\$33,616	Q2.S.D	University of California, Davis
Measuring social networks among parents and autism health care providers	\$195,000	Q5.Other	University of Chicago

Project Title	Funding	Strategic Plan Objective	Institution
Mathematical cognition in autism: A cognitive and systems neuroscience approach	\$657,886	Q2.Other	Stanford University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Massachusetts General Hospital
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
Maternal risk factors for autism spectrum disorders in children of the Nurses' Health Study II	\$0	Q3.L.C	Harvard University
Maternal cholesterol and autism	\$178,584	Q3.S.H	Oregon Health & Science University
Magnetic source imaging and sensory behavioral characterization in autism	\$176,229	Q1.L.B	University of California, San Francisco
M.Ed. in autism spectrum disorders (ASDs) for teachers in the Department of Defense Dependent Schools (DoDDS)	\$200,000	Q5.Other	University of Maryland, College Park
L-type calcium channel regulation of neuronal differentiation	\$32,129	Q2.S.D	Stanford University
Low Incidence and Diversity Endorsement Project (LIDE)	\$291,401	Q5.L.C	University of Colorado Board of Regents
Long-term effects of early-life antipsychotic drug treatment	\$406,200	Q4.S.B	Northern Kentucky University
Longitudinal studies of autism spectrum disorders: 2 to 23 (supplement)	\$265,497	Q6.L.B	University of Michigan
Longitudinal studies of autism spectrum disorders: 2 to 23	\$473,982	Q6.L.B	University of Michigan
Longitudinal neurodevelopment of auditory and language cortex in autism	\$27,942	Q2.Other	University of Utah
Longitudinal characterization of functional connectivity in autism	\$182,352	Q2.L.A	University of Utah
Locus-specific imprinting on the mammalian X chromosome (supplement)	\$16,875	Q3.S.J	University of Connecticut
Locus-specific imprinting on the mammalian X chromosome	\$327,994	Q3.S.J	University of Connecticut
Live Interactive Broadcast Equalizing Rural Access to Teacher Education (LIBERATE) - Training personnel to serve school-age children with low incidence disabilities	\$297,730	Q5.L.A	University of Utah
Linking local activity and functional connectivity in autism	\$365,655	Q2.Other	San Diego State University
Limbic system function in carriers of the fragile X premutation (supplement)	\$382,500	Q2.S.D	University of California, Davis
Limbic system function in carriers of the fragile X premutation	\$677,700	Q2.S.D	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Learn the signs. Act early. - Improving early identification of ASDs through improved parental awareness of developmental milestones	\$2,476,719	Q5.L.A	Centers for Disease Control and Prevention (CDC)
Learning and plasticity in the human brain	\$286,110	Q2.Other	National Institutes of Health
Learning and compression in human working memory	\$84,000	Q2.Other	Harvard University
LEAP-USA follow-up project	\$398,834	Q4.S.D	University of Colorado Denver
Leap - USA (Using Science-Based Approaches)	\$0	Q4.S.D	University of Colorado Denver
Leading Excellence for Academic Positions in Special Education (LEAPS)	\$244,984	Q7.K	The Regents Of The University Of California
Leadership training in severe disabilities/autism	\$0	Q7.K	Vanderbilt University
Leadership training in high-need students with severe disabilities/autism	\$287,590	Q7.K	Vanderbilt University
Leadership in Family-Centered Early Intervention (LIFE) personnel preparation program	\$0	Q5.Other	Florida State University
Leadership Education in Neurodevelopmental Disabilities	\$2,500	Q1.S.B	University of Alabama at Birmingham
Leadership Education in Neurodevelopmental Disabilities	\$26,000	Q4.Other	University of Pennsylvania
Leadership Education in Neurodevelopmental Disabilities	\$0	Q5.L.A	University of Arizona
Leadership Education in Neurodevelopmental Disabilities	\$6,000	Q5.L.C	University of Tennessee Health Science Center
Leadership Education in Neurodevelopmental Disabilities	\$3,300	Q5.L.C	University of Oklahoma
Leadership Education in Neurodevelopmental Disabilities	\$0	Q5.L.C	University of Minnesota
Leadership Education in Neurodevelopmental Disabilities	\$0	Q5.L.C	University of Alaska Anchorage
Language development and outcome in children with autism (supplement)	\$88,096	Q1.L.C	University of Connecticut
Language development and outcome in children with autism	\$311,574	Q1.L.C	University of Connecticut
KSU student chapter of the IEEE EMBS as a focal point for senior design projects to aid children with disabilities	\$124,999	Q5.Other	Kansas State University
Kinetics of drug macromolecule complex formation	\$712,920	Q2.Other	University of California, San Diego
Kansas University: Autism and Early Childhood Education Professionals (KU-ACE)	\$200,000	Q5.Other	University of Kansas Medical Center Research Institute, Inc.
Isolation of autism susceptibility genes	\$591,231	Q3.S.A	deCODE Genetics, ehf.
iSKILLS : The audio/video guidance repository for life skills	\$389,442	Q4.L.D	University of Georgia

Project Title	Funding	Strategic Plan Objective	Institution
iPrompt to improve teaching students with ASD	\$271,835	Q4.L.D	HandHold Adaptive, LLC
In vivo targeted gene silencing, a novel method	\$218,472	Q2.Other	Indiana University-Purdue University Indianapolis
In vivo function of neuronal activity-induced MeCP2 phosphorylation	\$292,721	Q3.S.J	University of Wisconsin - Madison
Investigation of protocadherin-10 in MEF2- and FMRP-mediated synapse elimination	\$51,326	Q2.S.D	University of Texas Southwestern Medical Center
Investigation of DUF1220 domains in human brain function and disease	\$471,018	Q3.L.B	University of Colorado Denver
Investigating the homeostatic role of MeCP2 in mature brain	\$35,400	Q2.S.D	Baylor College of Medicine
Investigating brain connectivity in autism at the whole-brain level	\$90,000	Q2.Other	California Institute of Technology
Intranasal oxytocin for the treatment of children and adolescents with autism spectrum disorders (ASD)	\$0	Q4.S.C	Holland Bloorview Kids Rehabilitation Hospital
Interstate variation in healthcare utilization among children with ASD	\$492,828	Q5.S.A	University of Pennsylvania
Intersensory perception of social events: Typical and atypical development	\$134,355	Q1.L.C	Florida International University
International Mental Health/Developmental Disabilities Research Training Program	\$138,232	Q7.K	Boston Children's Hospital
International Meeting for Autism Research (IMFAR)	\$47,822	Q7.K	University of California, Davis
Interdisciplinary training for autism researchers	\$344,214	Q7.K	University of California, Davis
Interdisciplinary Training Conference in Developmental Disabilities	\$20,000	Q7.K	University of Wisconsin - Madison
Interaction between MEF2 and MECP2 in the pathogenesis of autism spectrum disorders -2	\$0	Q4.S.B	Burnham Institute
Interaction between MEF2 and MECP2 in the pathogenesis of autism spectrum disorders - 1	\$0	Q4.S.B	Burnham Institute
Integrative functions of the planum temporale	\$479,898	Q2.Other	University of California, Irvine
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of Miami
INT2-Large: Collaborative research: Developing social robots	\$0	Q1.Other	University of California, San Diego
Insight into MeCP2 function raises therapeutic possibilities for Rett syndrome	\$291,260	Q4.S.B	University of California, San Francisco
Innovative Adaptation & Dissemination of CER Products: Autism (iADAPT-ASD)	\$0	Q5.L.A	University of Southern California
Inhibitory mechanisms for sensory map plasticity in cerebral cortex	\$320,399	Q2.Other	University of California, Berkeley
Infants at risk of autism: A longitudinal study	\$582,633	Q1.L.A	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Infants' developing representation of object function	\$0	Q2.Other	University of California, Davis
Infant Primate Research Laboratory	\$156,634	Q7.Other	University of Washington
Improving synchronization and functional connectivity in autism spectrum disorders through plasticity-induced rehabilitation training	\$0	Q4.S.F	University of California, San Diego
Improving speech-language pathology services to children with severe disabilities through pre-professional and professional training	\$196,648	Q5.Other	Western Carolina University
Improving social-communication, literacy, and adaptive behaviors for young children with autism spectrum disorders	\$744,999	Q4.L.D	University of Kansas
Improving accuracy and accessibility of early autism screening	\$518,904	Q1.S.A	Total Child Health, Inc.
Improved early identification of autism in Latino children	\$299,955	Q5.L.A	Georgetown University
Impacts of parenting adolescents & adults with autism	\$396,727	Q6.L.B	University of Wisconsin - Madison
Immunopathogenesis in autism: Regulatory T cells and autoimmunity in neurodevelopment	\$0	Q3.S.F	East Carolina University
Imaging signal transduction in single dendritic spines	\$382,200	Q2.Other	Duke University
Imaging PTEN-induced changes in adult cortical structure and function in vivo	\$300,339	Q2.Other	University of California, Los Angeles
IL-6-mediated Jak2/Stat3 signaling and brain development	\$181,913	Q3.L.C	University of South Florida
Identifying therapeutic targets for autism using SHANK3-deficient mice	\$483,773	Q4.S.B	Mount Sinai School of Medicine
Identifying neurobiological markers of the broader autism phenotype	\$106,245	Q1.L.B	University of Melbourne
Identification of lipid biomarkers for autism	\$0	Q1.L.A	Massachusetts General Hospital
Identification of candidate genes at the synapse in autism spectrum disorders	\$169,422	Q2.Other	Yale University
Identification of autism genes that regulate synaptic NRX/NLG signaling complexes	\$231,066	Q4.S.B	Stanford University
IDEA Learning Center	\$0	Q6.L.A	Intellectual Disabilities Education Association, Inc. - IDEA Learning Center
Hypocholesterolemic autism spectrum disorder	\$92,155	Q3.L.B	National Institutes of Health
Human neurobehavioral phenotypes associated with the extended PWS/AS domain	\$628,392	Q3.S.J	Baylor College of Medicine
How autism affects speech understanding in multitaler environments	\$143,264	Q2.Other	University of Maryland, College Park
High throughput screen for small molecule probes for neural network development	\$405,000	Q2.Other	Johns Hopkins University

Project Title	Funding	Strategic Plan Objective	Institution
High-throughput DNA sequencing method for probing the connectivity of neural circuits at single-neuron resolution	\$430,650	Q2.Other	Cold Spring Harbor Laboratory
HCC-Medium: Personalized socially-assistive human-robot interaction: Applications to autism spectrum disorder	\$28,756	Q4.Other	University of Southern California
HCC:Small:Computational studies of social nonverbal communication	\$0	Q2.Other	University of Southern California
HCC: Medium: Automatic detection of atypical patterns in cross-modal affect	\$0	Q1.L.B	Oregon Health & Science University
HCC: Collaborative research: Social-emotional technologies for autism spectrum disorders	\$0	Q4.S.F	Massachusetts Institute of Technology
HCC: Collaborative research: Social-emotional technologies for autism spectrum disorders	\$0	Q4.S.F	The Groden Center, Inc.
Guiding visual attention to enhance discrimination learning	\$172,842	Q4.Other	University of Massachusetts Medical School
Grammatical development in boys with fragile X syndrome and autism	\$148,500	Q2.S.D	University of Wisconsin - Madison
Graduate preparation for transition and instructional leadership for services to students with low incidence disabilities: Emphasis on academic and social success in LRE through implementation of evidence-based practices and instructional programming	\$199,996	Q5.Other	University of North Texas
Global & targeted profiling of protein, phospho and O-GlcNAc to understand synapses	\$994	Q2.Other	University of California, San Francisco
Glial control of neuronal receptive ending morphology	\$418,275	Q2.Other	Rockefeller University
Genotype-phenotype relationships in fragile X families	\$530,124	Q2.S.D	University of California, Davis
Genome-wide identification of variants affecting early human brain development	\$504,632	Q2.S.G	University of North Carolina at Chapel Hill
Genetic models of serotonin transporter regulation linked to mental disorders	\$219,038	Q4.S.B	Medical University of South Carolina
Genetic investigation of cognitive development in autistic spectrum disorders	\$184,248	Q3.L.B	Brown University
Genetic epidemiology of complex traits	\$880,653	Q3.L.B	National Institutes of Health
Genetic epidemiology of autism spectrum disorders	\$178,312	Q3.Other	Yale University
Genetic dissection of restricted repetitive behavior (RRB)	\$180,303	Q2.S.G	Seattle Children's Hospital
Genetic dissection of restricted repetitive behavior (RRB)	\$22,813	Q2.S.G	University of Florida
Genetic components influencing the feline - human social bond	\$73,680	Q4.Other	University of California, Davis
Gene-environment interactions in an autism birth cohort	\$3,183,066	Q3.L.D	Columbia University Health Sciences
Gene dosage imbalance in neurodevelopmental disorders	\$690,019	Q1.S.E	Weis Center For Research - Geisinger Clinic

Project Title	Funding	Strategic Plan Objective	Institution
Gateway to adventure	\$0	Q5.Other	Wilderness Inquiry
Gastrointestinal functions in autism	\$0	Q2.S.E	University at Buffalo, The State University of New York
GABAergic dysfunction in autism	\$278,486	Q2.Other	University of Minnesota
Futures Project: Preparing special educators to use evidence-based practices to support desirable futures for students with significant disabilities	\$199,866	Q5.Other	Portland State University
Function of neurexins	\$466,651	Q2.Other	Stanford University
Function and structure adaptations in forebrain development	\$541,770	Q2.Other	University of Southern California
Functional role of IL-6 in fetal brain development and abnormal behavior	\$41,800	Q2.Other	California Institute of Technology
Functional properties and directed connectivity in the face-processing network	\$53,042	Q2.Other	Yale University
Functional neuroimaging of psychopharmacologic intervention for autism	\$162,009	Q2.L.B	University of North Carolina at Chapel Hill
Functional neuroimaging of attention in autism	\$234,240	Q2.S.E	University of Pennsylvania/Children's Hospital of Philadelphia
Functional neuroanatomy of developmental changes in face processing	\$291,933	Q2.Other	Medical University of South Carolina
Functional money skills readiness training: teaching relative values	\$374,926	Q5.Other	Praxis, Inc.
Functional imaging of flexibility in autism: Informed by SLC6A4	\$132,748	Q2.S.G	Children's Research Institute
Functional circuit disorders of sensory cortex in ASD and RTT	\$254,976	Q2.S.D	University of Pennsylvania
Functional anatomy of face processing in the primate brain	\$1,720,556	Q2.Other	National Institutes of Health
Frontostriatal synaptic dysfunction in a model of autism	\$48,398	Q2.Other	Stanford University
Friendship Circle: Play therapy program at LifeTown	\$0	Q5.Other	Friendship Circle
FOXP2-regulated signaling pathways critical for higher cognitive functions	\$248,865	Q3.Other	University of Texas Southwestern Medical Center
Folate rechallenge: A pilot study	\$6,332	Q4.S.C	Baylor College of Medicine
fMRI study of reward responsiveness of children with autism spectrum disorder	\$53,566	Q2.Other	University of California, Los Angeles
fMRI studies of neural dysfunction in autistic toddlers	\$536,393	Q2.Other	University of California, San Diego
Florida's state personnel development grant	\$0	Q5.Other	Florida Department of Education
Finding autism genes by genomic copy number analysis	\$577,035	Q3.S.A	Boston Children's Hospital
Finding and keeping the best: A rural regional partnership for recruiting and retaining teachers for children with low incidence disabilities	\$200,000	Q5.Other	California State University Chico Research Foundation

Project Title	Funding	Strategic Plan Objective	Institution
Family studies of sensorimotor and neurocognitive heterogeneity in autism spectrum disorders (ASD)	\$0	Q1.L.B	University of Texas Southwestern Medical Center
Face perception: Mapping psychological spaces to neural responses	\$79,992	Q2.Other	Stanford University
Extraction of functional subnetworks in autism using multimodal MRI	\$353,349	Q1.L.B	Yale University
Extended School Year/Summer Camp (ESY/SC)	\$0	Q6.L.A	S.A.F.E., Inc. (Supporting Autism and Families Everywhere)
Exploring the uncanny valley	\$0	Q2.Other	Carnegie Mellon University
Exploring the neuronal phenotype of autism spectrum disorders using induced pluripotent stem cells	\$368,475	Q4.S.B	Stanford University
Experimental evaluation of the Online and Applied System for Intervention Skills (OASIS) training program using video-conferencing for parents of children with an autism spectrum disorder	\$199,979	Q5.L.A	University of Kansas Medical Center Research Institute, Inc.
Experience and cognitive development in infancy	\$100,798	Q2.Other	University of California, Davis
Excessive cap-dependent translation as a molecular mechanism underlying ASD	\$0	Q2.Other	New York University
Examination of the use of a Spanish version of the Online and Applied System for Intervention Skills (OASIS) Training Program with parents of children with an autism spectrum disorder	\$200,000	Q5.L.A	University of Kansas Medical Center
Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	\$542,684	Q4.S.B	University of Pennsylvania
Evaluation of a comprehensive community-based intervention for toddlers with ASD	\$701,785	Q4.S.D	University of Oklahoma
Evaluating the impact of early intervention services on young children with autism spectrum disorders and their families: A state systems approach	\$300,000	Q5.S.C	Health Research, Inc./New York State Department of Health
Evaluating and enhancing driving skills of individuals with Asperger's and high-functioning autism	\$0	Q6.L.A	University of Virginia
Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	\$331,421	Q6.L.A	University of Virginia
Evaluating and enhancing driving ability among teens with autism spectrum disorder (ASD)	\$214,498	Q6.L.A	University of Iowa
Etiology of sleep disorders in ASD: Role of inflammatory cytokines	\$0	Q2.S.E	University of Maryland, Baltimore
Epileptiform discharges and its relation to cognition and behavior in children with autism spectrum disorders	\$206,475	Q2.S.E	Vanderbilt University
Epigenetic biomarkers of autism in human placenta	\$576,142	Q1.L.A	University of California, Davis
Epigenetic and transcriptional dysregulation in autism spectrum disorder	\$764,608	Q3.S.J	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
Epidemiologic studies of reproductive and developmental outcomes – Denmark	\$300,054	Q3.S.H	Aarhus University
EPA/NIEHS Center for Children's Environmental Health (CCEH) at UC Davis	\$0	Q3.S.C	University of California, Davis
Environmentally Triggered Neurodevelopmental Disorders: Focus on Endocrine Disruption and Sex Differences in Autism, ADHD, and Schizophrenia	\$25,000	Q7.K	University of Arkansas for Medical Sciences
Environmental Epigenomics and Disease Susceptibility	\$12,200	Q7.K	Keystone Symposia
Environment, the perinatal epigenome, and risk for autism and related disorders	\$2,014,788	Q3.S.J	Johns Hopkins University
Engrailed genes and cerebellum morphology, spatial gene expression and circuitry	\$470,003	Q2.Other	Memorial Sloan-Kettering Cancer Center
Emergence and stability of autism in fragile X syndrome	\$358,000	Q2.S.D	University of South Carolina
Elucidation of the developmental role of Jakmip1, an autism-susceptibility gene	\$31,042	Q2.Other	University of California, Los Angeles
Elucidating the function of class 4 semaphorins in GABAergic synapse formation	\$337,818	Q2.Other	Brandeis University
Electrophysiological signatures of language impairment in autism spectrum disorder	\$344,521	Q1.L.B	University of Pennsylvania/Children's Hospital of Philadelphia
Electrophysiological correlates of cognitive control in autism	\$129,098	Q1.L.B	University of California, Davis
Efficacy of the home TEACCHing program for toddlers with autism	\$299,997	Q4.L.D	University of North Carolina at Chapel Hill
Efficacy of a parent-mediated intervention for one-year-olds at risk for autism	\$661,373	Q4.L.D	University of North Carolina at Chapel Hill
Efficacy and sustainability of the STAR program	\$383,488	Q4.S.D	University of Pennsylvania
Effects of therapeutic horseback riding on children and adolescents with autism spectrum disorders	\$313,179	Q4.S.C	University of Colorado Denver
EEG-based assessment of functional connectivity in autism	\$175,176	Q2.Other	Kennedy Krieger Institute
East Carolina University Pathways	\$200,000	Q5.Other	East Carolina University
Early social and emotional development in toddlers at genetic risk for autism	\$369,348	Q1.L.A	University of Pittsburgh
Early Response Learning Initiative (EARLI)	\$200,000	Q5.Other	University of Virginia
Early intervention/early childhood special education autism specialization	\$250,000	Q5.Other	University Of Pittsburgh
Early identification of autism: A prospective study	\$481,734	Q1.L.A	University of Pittsburgh
Early detection of pervasive developmental disorders	\$1,025,577	Q1.S.A	University of Connecticut
Early Childhood Special Education Leadership (ECSEL)	\$0	Q7.K	University of Colorado Denver
Dysregulation of mTOR signaling in fragile X syndrome	\$403,767	Q2.S.D	Albert Einstein College of Medicine of Yeshiva University

Project Title	Funding	Strategic Plan Objective	Institution
Do animations facilitate symbol understanding in children with autism?	\$197,259	Q4.S.G	Northeastern University
Dissertation research: Translating diagnoses across cultures: Expertise, autism, and therapeutics of the self in Morocco	\$14,510	Q1.Other	Columbia University
Dissecting the neural control of social attachment	\$764,776	Q4.S.B	University of California, San Francisco
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.J	Johns Hopkins University
Discordant monozygotic twins as a model for genetic-environmental interaction in autism	\$0	Q3.S.J	Kennedy Krieger Institute
Dimensions of mind perception	\$0	Q2.Other	Harvard University
Diffusion tensor MR spectroscopic imaging in human brain	\$185,213	Q2.Other	University of New Mexico Health Sciences Center
Diffuse optical brain imaging	\$182,022	Q2.Other	National Institutes of Health
dFMRP and Caprin: Translational regulators of synaptic plasticity	\$12,768	Q2.S.D	University of Washington
Development of ventral stream organization	\$137,338	Q2.Other	University of Pittsburgh
Development of the functional neural systems for face expertise	\$505,729	Q2.Other	University of California, San Diego
Development of novel diagnostics for fragile X syndrome	\$537,123	Q2.S.D	JS Genetics, Inc.
Development of neural pathways in infants at risk for autism spectrum disorders	\$312,028	Q1.L.A	University of California, San Diego
Development of intermodal perception of social events: Infancy to childhood	\$306,550	Q1.L.C	Florida International University
Development of face processing in infants with autism spectrum disorders	\$409,613	Q1.L.B	Yale University
Development of face processing expertise	\$350,596	Q2.Other	University of Toronto
Development of an intervention to enhance the social competencies of children with Asperger's/high functioning autism spectrum disorders	\$0	Q4.L.D	University at Buffalo, The State University of New York
Development of an internet-based parent training intervention for children with ASD	\$0	Q5.L.A	Michigan State University
Development of an executive function-based intervention for autism spectrum disorder	\$255,420	Q4.Other	Children's Research Institute
Development of a high-content neuronal assay to screen therapeutics for the treatment of cognitive dysfunction in autism spectrum disorders	\$0	Q4.S.B	Massachusetts Institute of Technology
Developmental social neuroscience in infants at-risk for autism	\$182,092	Q1.L.C	Yale University
Developmental disabilities dentistry online	\$198,604	Q5.L.E	Praxis, Inc.

Project Title	Funding	Strategic Plan Objective	Institution
Developmental characteristics of MRI diffusion tensor pathway changes in autism	\$188,027	Q1.L.A	Washington University in St. Louis
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey
Developing treatment, treatment validation, and treatment scope in the setting of an autism clinical trial	\$0	Q4.L.A	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
Developing novel automated apparatus for studying battery of social behaviors in mutant mouse models for autism	\$0	Q2.Other	Weizmann Institute of Science
Developing a school-based social competence intervention (SCI)	\$358,118	Q4.L.D	University of Missouri
Developing a novel treatment for restricted inflexible behavior	\$215,346	Q4.Other	University of Florida
Developing a 3D-based virtual learning environment for use in schools to enhance the social competence of youth with autism spectrum disorder	\$498,378	Q4.L.D	University of Missouri
Delayed motor learning in autism	\$356,598	Q4.Other	Brandeis University
Defining the dynamics of the default network with direct brain recordings and functional MRI	\$144,317	Q2.Other	University of Washington
Decoding 'what' and 'who' in the auditory system of children with autism spectrum disorders	\$237,000	Q2.Other	Stanford University
Daily living and community skills video game for children with developmental disabilities	\$0	Q4.Other	Sandbox Learning Company
Customized representations promote language learning for older learners with ASD	\$76,500	Q4.S.G	University of Delaware
Cultural equivalence of autism assessment for Latino children	\$74,250	Q1.S.B	University of Wisconsin - Madison
Cross-modal interactions between vision and touch	\$480,343	Q2.Other	Emory University
Creating the Developmental-Behavioral Pediatrics Research Network	\$220,000	Q7.N	Children's Hospital of Philadelphia
Creating instructional leaders for students with low-incidence disabilities	\$0	Q5.Other	University of Washington
CRCNS: Ontology-based multi-scale integration of the autism phenome	\$323,887	Q7.O	Stanford University
Cortical microcircuit dysfunction as a result of MET deficiency: A link to autism	\$33,955	Q2.Other	Northwestern University
Cortical circuit changes and mechanisms in a mouse model of fragile X syndrome	\$278,656	Q2.S.D	University of Texas Southwestern Medical Center
Core E: Participant Recruitment & Assessment Services	\$277,512	Q7.Other	Vanderbilt University
Core D: Clinical Neuroscience Services	\$207,782	Q7.Other	Vanderbilt University

Project Title	Funding	Strategic Plan Objective	Institution
Core A: Administrative Services	\$255,048	Q7.Other	Vanderbilt University
Controlling interareal gamma coherence by optogenetics, pharmacology and behavior	\$83,521	Q2.Other	Massachusetts Institute of Technology
Controlled trial of sertraline in young children with Fragile X Syndrome	\$285,177	Q4.L.A	University of California, Davis
Contingency manipulation in discrete trial interventions for children with autism	\$171,215	Q4.Other	University of Massachusetts Medical School
Contingency analyses of observing and attending in intellectual disabilities	\$276,291	Q4.S.G	University of Massachusetts Medical School
Consortium for promoting cross-linguistic understanding of communication disabilities in children	\$149,747	Q5.Other	East Tennessee State University
Connectivity in social brain systems in autism	\$197,366	Q1.Other	Yale University
Computerized system for phonemic awareness intervention	\$216,403	Q4.S.G	Biospeech, Inc.
Computer Assisted Autism Care (CAAC)	\$491,768	Q1.S.B	Indiana University-Purdue University Indianapolis
Computational characterization of language use in autism spectrum disorder	\$759,606	Q2.Other	Oregon Health & Science University
Comprehensive systems change through RTI and SW-PBS	\$1,660,712	Q5.L.C	Colorado Department of Education - Exceptional Student Leadership Unit
Comprehensive support for families with autism: A parent-based mentoring approach	\$300,000	Q5.S.C	University of Colorado Denver
Comprehensive clinical phenotyping and genetic mapping for the discovery of autism susceptibility genes.	\$0	Q7.Other	Nationwide Children's Hospital
Comprehensive autism program using Strategies for Teaching based on Autism Research	\$499,783	Q4.S.D	Portland State University
Components of limited activity monitoring in toddlers with ASD	\$82,750	Q1.L.B	Yale University
Comparison of two comprehensive treatment models for preschool-aged children with autism spectrum disorders and their families	\$0	Q4.L.D	University of North Carolina at Chapel Hill
Comparative effectiveness of therapies for children with autism spectrum disorders	\$0	Q4.Other	Agency for Healthcare Research and Quality and Vanderbilt University
Comparative effectiveness of interventions for adolescents and young adults with autism spectrum disorders	\$0	Q6.Other	Agency for Healthcare Research and Quality and Vanderbilt University
Communicative and emotional facial expression production in children with autism	\$171,215	Q2.Other	University of Massachusetts Medical School
Communication success and AAC: A model of symbol acquisition	\$332,388	Q4.S.G	University of Kansas
Communication, autism, and technology	\$199,995	Q5.Other	University of Kansas Medical Center Research Institute, Inc.
Collaborative research: The path to verb learning	\$0	Q2.Other	Temple University

Project Title	Funding	Strategic Plan Objective	Institution
Collaborative research: The path to verb learning	\$0	Q2.Other	University of Delaware
Collaborative research: RUI: Perceptual pick-up processes in interpersonal coordination	\$0	Q2.Other	College of the Holy Cross
Collaborative research: Modeling perception and memory: Studies in priming	\$0	Q2.Other	University of California, San Diego
Collaborative research: Modeling perception and memory: Studies in priming	\$0	Q2.Other	Indiana University
Collaborative research: Learning complex auditory categories	\$0	Q2.Other	Carnegie Mellon University
Collaborative research: Learning complex auditory categories	\$0	Q2.Other	University of Arizona
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Illinois at Urbana Champaign
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	University of Southern California
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Trustees of Boston University
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Massachusetts Institute of Technology
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$24,000	Q1.L.B	Georgia Tech Research Corporation
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$16,000	Q1.L.B	Carnegie Mellon University
Collaborative personnel preparation in autism	\$0	Q5.Other	University of Georgia
Collaborative partnerships	\$200,000	Q5.L.C	San Francisco State University
Collaborative Adolescent Autism Teacher Training (CAATT)	\$196,413	Q5.Other	University of Georgia
Collaboration of Autism Specialists Training (COAST) Program	\$200,000	Q5.Other	California State Los Angeles University Auxiliary Services, Inc.
Cognitive mechanisms of serially organized behavior	\$346,928	Q2.Other	Columbia University
Cognitive control of emotion in autism	\$103,256	Q2.Other	University of Pittsburgh
Cognitive control in autism	\$152,627	Q2.Other	University of California, Davis
Cochlear efferent feedback and hearing-in-noise perception in autism	\$186,794	Q2.Other	University of Rochester
CNS toxicity of ambient air pollution: Postnatal exposure to ultrafine particles	\$229,433	Q2.S.A	University of Rochester

Project Title	Funding	Strategic Plan Objective	Institution
Clinical trial: Treatment of sleep problems in children with autism spectrum disorder with melatonin: A double-blind, placebo-controlled study	\$16,227	Q4.S.A	Baylor College of Medicine
Clinical and behavioral phenotyping of autism and related disorders	\$2,117,811	Q1.L.B	National Institutes of Health
Characterizing the genetic systems of autism through multi-disease analysis	\$560,935	Q2.S.G	Harvard Medical School
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Characterization of the pathological and biochemical markers that correlate to the clinical features of autism	\$0	Q2.Other	Research Foundation for Mental Hygiene, Inc.
Characterization of autism susceptibility genes on chromosome 15q11-13	\$51,326	Q4.S.B	Beth Israel Deaconess Medical Center
Cerebellar modulation of frontal cortical function	\$309,686	Q2.Other	University of Memphis
Central vasopressin receptors and affiliation (supplement)	\$25,000	Q4.S.B	Emory University
Central vasopressin receptors and affiliation	\$360,225	Q4.S.B	Emory University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$900,000	Q3.L.D	University of Pennsylvania/Children's Hospital of Philadelphia
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - North Carolina	\$900,000	Q3.L.D	University of North Carolina at Chapel Hill
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Maryland	\$1,650,000	Q3.L.D	Johns Hopkins University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Georgia	\$1,307,234	Q3.L.D	Centers for Disease Control and Prevention (CDC)
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Data Coordinating Center	\$900,000	Q3.L.D	Michigan State University
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Colorado	\$900,000	Q3.L.D	Colorado Department of Health and Environment
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - California	\$900,000	Q3.L.D	Kaiser Foundation Research Institute
Center for Genomic and Phenomic Studies in Autism (supplement)	\$141,462	Q3.S.C	University of Southern California
Center for Genomic and Phenomic Studies in Autism	\$2,032,846	Q3.S.C	University of Southern California
Center for Education and Research on Mental Health Therapeutics	\$0	Q5.Other	Rutgers, The State University of New Jersey - New Brunswick
Cellular structure of the amygdala in autism	\$51,326	Q1.L.B	University of California, Davis
Cellular density and morphology in the autistic temporal human cerebral cortex	\$345,910	Q2.Other	University of California, Davis

Project Title	Funding	Strategic Plan Objective	Institution
Cellular characterization of Caspr2	\$24,666	Q2.Other	University of California, San Diego
Cellular and genetic correlates of increased head size in autism spectrum disorder	\$405,041	Q4.S.B	Yale University
Cell specific genomic imprinting during cortical development and in mouse models	\$312,559	Q3.S.J	Harvard University
Cell adhesion molecules in CNS development	\$535,691	Q2.Other	Scripps Research Institute
CDI-TYPE II: From language to neural representations of meaning	\$0	Q2.Other	Carnegie Mellon University
CDI-Type I: Understanding regulation of visual attention in autism through computational and robotic modeling	\$0	Q1.L.B	Yale University
Caspr2 as an autism candidate gene: A proteomic approach to function & structure	\$312,000	Q2.Other	University of Medicine & Dentistry of New Jersey - Robert Wood Johnson Medical School
CAREER: Typical and atypical development of brain regions for theory of mind	\$27,670	Q2.Other	Massachusetts Institute of Technology
CAREER: The role of prosody in word segmentation and lexical access	\$0	Q2.Other	Michigan State University
CAREER: Statistical models and classification of time-varying shape	\$404,961	Q2.Other	University of Utah
CAREER: Model-based fMRI of human object recognition	\$0	Q2.Other	Georgetown University
CAREER: Integrative behavioural and neurophysiological studies of normal and autistic cognition using video game environments	\$0	Q2.Other	Cornell University
CAREER: Enabling community-scale modeling of human behavior and its application to healthcare	\$0	Q1.Other	Cornell University
CAREER: Dissecting the neural mechanisms for face detection	\$0	Q2.Other	California Institute of Technology
Building a selective inhibitory control tone in autism: An rTMS study	\$219,780	Q4.Other	University of Louisville
Brain lipid rafts in cholesterol biosynthesis disorders	\$60,480	Q2.Other	Medical College of Wisconsin
Brain bases of language deficits in SLI and ASD	\$651,988	Q2.Other	Massachusetts Institute of Technology
Birth to kindergarten professional preparation: Inclusive services for children with Autism Spectrum Disorders	\$299,998	Q5.Other	University of North Carolina at Greensboro
Biomarkers in Autism of Aripiprazole and Risperidone Treatment (BAART)	\$651,465	Q4.S.F	Medical University of South Carolina
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$0	Q1.L.A	Yale University
Bioinformatics and Computational Approaches to Integrate Genes and Environment in Autism Research	\$46,991	Q3.S.G	N/A
Behavioral treatment through in-home telehealth for young children with autism	\$299,972	Q5.L.A	University of Iowa

Project Title	Funding	Strategic Plan Objective	Institution
Behavioral and sensory evaluation of auditory discrimination in autism	\$178,529	Q2.Other	University of Massachusetts Medical School
Behavioral and neural processing of faces and expressions in nonhuman primates	\$435,600	Q2.Other	Emory University
BDNF and the restoration of synaptic plasticity in fragile X and autism	\$490,756	Q2.S.D	University of California, Irvine
Autoimmunity against novel antigens in neuropsychiatric dysfunction	\$320,000	Q2.S.A	University of Pennsylvania
Autistic traits: Life course & genetic structure	\$548,446	Q2.S.G	Washington University in St. Louis
Autism risk, prenatal environmental exposures, and pathophysiologic markers	\$1,858,222	Q3.S.C	University of California, Davis
Autism Registry	\$730,343	Q7.C	Group Health Cooperative
Autism iPSCs for studying function and dysfunction in human neural development	\$481,461	Q4.S.B	Scripps Research Institute
Autism interventions and innovative evaluation of teacher quality	\$0	Q5.L.C	Texas A & M International University
Autism Intervention Research Network on Physical Health (AIR-P network)	\$1,797,880	Q4.S.A	Massachusetts General Hospital
Autism Intervention Research Network on Behavioral Health (AIR-B network)	\$1,930,288	Q4.S.D	University of California, Los Angeles
Autism intervention challenges for low-income children	\$99,988	Q5.S.A	University of California, Los Angeles
Autism insurance policy and access to care for children with autism: A state level analysis	\$0	Q5.S.A	University of North Carolina at Chapel Hill
Autism and the development of relational awareness	\$580,924	Q4.Other	University of British Columbia
Autism and Developmental Disabilities Monitoring (ADDM) network - Wisconsin (expanded)	\$124,950	Q7.L	University of Wisconsin - Madison
Autism and Developmental Disabilities Monitoring (ADDM) network - Wisconsin	\$354,025	Q7.I	University of Wisconsin - Madison
Autism and Developmental Disabilities Monitoring (ADDM) network - Utah (expanded)	\$124,949	Q7.L	University of Utah
Autism and Developmental Disabilities Monitoring (ADDM) network - Utah	\$348,095	Q7.I	University of Utah
Autism and Developmental Disabilities Monitoring (ADDM) network - South Carolina (expanded)	\$124,950	Q7.L	Medical University of South Carolina
Autism and Developmental Disabilities Monitoring (ADDM) network - South Carolina	\$354,024	Q7.I	Medical University of South Carolina
Autism and Developmental Disabilities Monitoring (ADDM) network - North Carolina	\$344,170	Q7.I	University of North Carolina at Chapel Hill
Autism and Developmental Disabilities Monitoring (ADDM) network - New Jersey (expanded)	\$124,950	Q7.L	University of Medicine & Dentistry of New Jersey

Project Title	Funding	Strategic Plan Objective	Institution
Autism and Developmental Disabilities Monitoring (ADDM) network - New Jersey	\$354,026	Q7.I	University of Medicine & Dentistry of New Jersey
Autism and Developmental Disabilities Monitoring (ADDM) network - Missouri (expanded)	\$80,803	Q7.L	Washington University in St. Louis
Autism and Developmental Disabilities Monitoring (ADDM) network - Missouri	\$341,502	Q7.I	Washington University in St. Louis
Autism and Developmental Disabilities Monitoring (ADDM) network - Maryland	\$354,025	Q7.I	Johns Hopkins University
Autism and Developmental Disabilities Monitoring (ADDM) network - Colorado	\$324,870	Q7.I	Colorado Department of Health and Environment
Autism and Developmental Disabilities Monitoring (ADDM) network - Arkansas	\$352,880	Q7.I	University of Arkansas for Medical Sciences
Autism and Developmental Disabilities Monitoring (ADDM) network - Arizona (expanded)	\$124,950	Q7.L	University of Arizona
Autism and Developmental Disabilities Monitoring (ADDM) network - Arizona	\$354,025	Q7.I	University of Arizona
Autism and Developmental Disabilities Monitoring (ADDM) network - Alabama	\$354,025	Q7.I	University of Alabama at Birmingham
Autism: Social and communication predictors in siblings	\$738,922	Q1.L.B	Kennedy Krieger Institute
Autism: Neuropeptide hormones and potential pathway genes	\$185,370	Q2.S.G	University of Illinois at Chicago
Augmentation of the cholinergic system in fragile X syndrome: a double-blind placebo study	\$237,600	Q2.S.D	Stanford University
Atypical pupillary light reflex in individuals with autism	\$0	Q1.Other	University of Missouri
Atypical late neurodevelopment in autism: A longitudinal MRI and DTI study (supplement)	\$154,416	Q2.Other	University of Utah
Atypical late neurodevelopment in autism: A longitudinal MRI and DTI study	\$469,620	Q2.Other	University of Utah
ATN Registry	\$714,000	Q7.O	N/A
Assessing a participant directed service system for low income children with ASD	\$0	Q5.S.B	Brandeis University
Are autism spectrum disorders associated with leaky-gut at an early critical period in development?	\$302,820	Q1.L.A	University of California, San Diego
A randomized trial of the SCERTS curriculum for students with autism spectrum disorders in early elementary school classrooms	\$749,772	Q4.S.D	Florida State University
A randomized control study of relationship focused intervention with young children	\$149,213	Q4.L.D	Case Western Reserve University
A randomized clinical trial of cognitive enhancement therapy for adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh

Project Title	Funding	Strategic Plan Objective	Institution
A randomized, controlled trial of intranasal oxytocin as an adjunct to behavioral therapy for autism spectrum disorder	\$1,159,063	Q4.S.C	Massachusetts General Hospital
A prospective multi-system evaluation of infants at risk for autism	\$0	Q1.L.B	Massachusetts General Hospital
A prospective multi-system evaluation of infants at risk for autism	\$0	Q1.L.B	Massachusetts General Hospital
A primate model of gut, immune, and CNS response to childhood vaccines	\$156,634	Q2.S.A	University of Washington
A personnel preparation partnership for transition endorsement in low-incidence disability	\$0	Q6.S.D	Kent State University
A parent to parent model of support and service coordination for families of preschool age children with ASD	\$300,000	Q5.S.A	University of Connecticut Health Center
A novel quantitative framework to study lack of social interactions in autism	\$0	Q1.L.B	Rutgers, The State University of New Jersey - New Brunswick
A novel adaptive transactional virtual reality-based assistive technology for autism intervention	\$116,875	Q4.Other	Vanderbilt University
An open resource for autism iPSCs and their derivatives	\$561,337	Q7.D	Children's Hospital of Orange County
A non-human primate autism model based on maternal immune activation	\$75,629	Q2.S.A	University of California, Davis
An investigation of the overlap of autism and fragile X syndrome	\$71,632	Q2.S.G	University of North Carolina at Chapel Hill
An interactive social tutoring system to improve and measure social goals for students with high functioning autism spectrum disorders	\$0	Q4.Other	3-C Institute for Social Development
Animated Visual Supports for Social Skills (AViSSS)	\$0	Q4.Other	University of Kansas Medical Center Research Institute, Inc.
Animal models of neuropsychiatric disorders	\$1,776,673	Q4.S.B	National Institutes of Health
Animal model of speech sound processing in autism	\$283,249	Q4.S.B	University of Texas at Dallas
A neuroimaging study of twin pairs with autism	\$625,808	Q2.S.G	Stanford University
A neural model of fronto-parietal mirror neuron system dynamics	\$183,344	Q2.Other	University of Maryland, College Park
An enhanced performance training and support system for individuals with autism spectrum disorders	\$0	Q6.L.A	Prevention Group, LLC
Anatomy of primate amygdaloid complex	\$75,629	Q2.Other	University of California, Davis
Analysis of the small intestinal microbiome of children with autism	\$0	Q3.S.I	Massachusetts General Hospital
Analyses of brain structure and connectivity in young children with autism	\$249,000	Q1.L.B	University of California, Davis
A Multigenerational longitudinal study of language development: Insight from autism	\$0	Q2.S.G	Northwestern University

Project Title	Funding	Strategic Plan Objective	Institution
A multigenerational longitudinal study of language development: Insight from autism	\$0	Q2.S.G	University of North Carolina at Chapel Hill
Altered gastrointestinal function in the neuroligin-3 mouse model of autism	\$281,742	Q2.S.E	University of Melbourne
Altered gastrointestinal function in the neuroligin-3 mouse model of autism	\$50,434	Q2.S.E	University of Melbourne
Altered gastrointestinal function in the neuroligin-3 mouse model of autism	\$69,813	Q2.S.E	University of Melbourne
Allelic choice in Rett syndrome	\$390,481	Q2.S.D	Winifred Masterson Burke Medical Research Institute
AIR-P Research RFAs	\$649,013	Q7.K	N/A
A history of behavioral genetics	\$19,900	Q3.Other	University of Pittsburgh
A family-genetic study of language in autism	\$389,948	Q2.S.G	Northwestern University
Advancing Social-Communication and Play (ASAP): An intervention program for preschoolers with autism	\$768,670	Q4.S.D	University of North Carolina at Chapel Hill
Administrative Core	\$529,954	Q7.Other	University of North Carolina at Chapel Hill
A developmental social neuroscience approach to perception-action relations	\$0	Q2.Other	Temple University
Adaptive response technology for autism spectrum disorders intervention	\$349,876	Q4.Other	Vanderbilt University
Adapting cognitive enhancement therapy for ASD	\$198,582	Q4.Other	University of Pittsburgh
Activity-dependent phosphorylation of MeCP2	\$174,748	Q2.S.D	Harvard Medical School
Action anticipation in infants	\$98,745	Q2.Other	University of Chicago
A computer-based social intervention for students with high functioning ASD: Using technology to improve special education	\$149,993	Q4.L.D	3-C Institute for Social Development
A comparative developmental connectivity study of face processing	\$229,574	Q2.Other	Medical University of South Carolina
A cognitive-behavioral intervention for children with autism spectrum disorders	\$116,765	Q4.Other	Virginia Polytechnic Institute and State University
ACE Network: Early pharmacotherapy guided by biomarkers in autism	\$1,498,245	Q4.S.F	Wayne State University
ACE Network: Early Autism Risk Longitudinal Investigation (EARLI) network	\$2,864,377	Q3.L.A	Drexel University
ACE Network: A multi-site randomized study of intensive treatment for toddlers with autism	\$2,819,081	Q4.S.D	University of California, Davis
ACE Network: A longitudinal MRI study of infants at risk for autism	\$3,246,479	Q1.L.A	University of North Carolina at Chapel Hill
ACE Network: A comprehensive approach to identification of autism susceptibility genes	\$2,759,732	Q3.L.B	University of California, Los Angeles
ACE Center: Understanding repetitive behavior in autism	\$257,803	Q4.L.A	University of California, Los Angeles

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: The pharmacogenetics of treatment for insistence sameness in autism	\$378,379	Q4.L.A	University of Illinois at Chicago
ACE Center: The Imaging Core	\$326,257	Q7.Other	University of California, Los Angeles
ACE Center: The Diagnostic and Assessment Core	\$310,925	Q7.Other	University of California, Los Angeles
ACE Center: The development of the siblings of children with autism: A longitudinal study	\$309,408	Q1.L.B	University of California, Los Angeles
ACE Center: Targeting genetic pathways for brain overgrowth in autism spectrum disorders	\$398,723	Q3.L.B	University of California, San Diego
ACE Center: Systems connectivity + brain activation: imaging studies of language + perception	\$426,284	Q2.Other	University of Pittsburgh
ACE Center: Subject assessment and recruitment core	\$845,682	Q7.Other	University of Pittsburgh
ACE Center: Structural and chemical brain imaging of autism	\$509,634	Q2.S.E	University of Washington
ACE Center: Risk and protective factors in the development of associated symptoms in autism	\$168,117	Q4.S.F	University of Washington
ACE Center: Rare variant genetics, contactin-related proteins and autism	\$326,348	Q3.L.B	Yale University
ACE Center: Optimizing social and communication outcomes for toddlers with autism	\$303,029	Q4.L.D	University of California, Los Angeles
ACE Center: Neuroimaging studies of connectivity in ASD	\$324,271	Q2.Other	Yale University
ACE Center: MRI studies of early brain development in autism	\$349,341	Q1.L.A	University of California, San Diego
ACE Center: Mirror neuron and reward circuitry in autism	\$302,654	Q2.Other	University of California, Los Angeles
ACE Center: Linguistic and social responses to speech in infants at risk for autism	\$301,655	Q1.L.A	University of Washington
ACE Center: Integrated Biostatistical and Bioinformatic Analysis Core (IBBAC)	\$205,018	Q1.L.A	University of California, San Diego
ACE Center: Imaging the autistic brain before it knows it has autism	\$197,682	Q2.Other	University of California, San Diego
ACE Center: Imaging autism biomarkers + risk genes	\$263,940	Q3.Other	University of California, San Diego
ACE Center: Genetics of serotonin in autism: Neurochemical and clinical	\$378,379	Q2.S.G	University of Illinois at Chicago
ACE Center: Genetics of language & social communication: Connecting genes to brain & cognition	\$324,642	Q2.S.G	University of California, Los Angeles
ACE Center: Genetic contributions to endophenotypes of autism	\$563,757	Q2.S.G	University of Washington
ACE Center: Gaze perception abnormalities in infants with ASD	\$293,130	Q1.L.A	Yale University
ACE Center: Eye-tracking studies of social engagement	\$293,269	Q1.L.B	Yale University

Project Title	Funding	Strategic Plan Objective	Institution
ACE Center: Early detection and intervention in infants at risk for autism	\$614,004	Q1.L.B	University of Washington
ACE Center: Disturbances of affective contact: Development of brain mechanisms for emotion	\$157,294	Q2.Other	University of Pittsburgh
ACE Center: Diffusion tensor MRI + histopathology of brain microstructure + fiber pathways	\$1	Q2.Other	University of Pittsburgh
ACE Center: Development of categorization, facial knowledge in low & high functioning autism	\$392,439	Q2.Other	University of Pittsburgh
ACE Center: Data Management and Analysis Core	\$190,870	Q7.Other	Yale University
ACE Center: Data Management/Statistical Core	\$46	Q7.Other	University of Washington
ACE Center: Data and Statistics Core	\$378,379	Q7.Other	University of Illinois at Chicago
ACE Center: Cognitive affective and neurochemical processes underlying is in autism	\$378,379	Q2.Other	University of Illinois at Chicago
ACE Center: Clinical Phenotype: Treatment Response Core	\$176,168	Q4.Other	University of California, San Diego
ACE Center: Clinical Phenotype: Recruitment and Assesment Core	\$310,430	Q1.L.A	University of California, San Diego
ACE Center: Auditory mechanisms of social engagement	\$263,206	Q1.Other	Yale University
ACE Center: Assessment Core	\$541,624	Q1.L.A	Yale University
ACE Center: Assessment Core	\$378,379	Q7.Other	University of Illinois at Chicago
ACE Center: Administrative Core	\$32,936	Q7.Other	University of California, San Diego
ACE Center: Administrative Core	\$118,056	Q7.Other	Yale University
Access, quality and financial implications of the transitions of children with autism	\$100,000	Q5.S.A	University of North Carolina at Chapel Hill
Abnormal vestibulo-ocular reflexes in autism: A potential endophenotype	\$0	Q1.L.A	University of Florida
5/5-Randomized trial of parent training for young children with autism	\$236,226	Q4.S.D	University of Pittsburgh
4/5-Randomized trial of parent training for young children with autism	\$240,121	Q4.S.D	Indiana University-Purdue University Indianapolis
4/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$556,007	Q4.L.C	Yale University
3/5-Randomized trial of parent training for young children with autism	\$239,726	Q4.S.D	University of Rochester
3/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$393,205	Q4.L.C	University of California, Los Angeles
3/3-Multisite RCT of early intervention for spoken communication in autism (supplement)	\$323,097	Q4.S.F	Kennedy Krieger Institute

Project Title	Funding	Strategic Plan Objective	Institution
3/3-Multisite RCT of early intervention for spoken communication in autism	\$516,493	Q4.S.F	Kennedy Krieger Institute
3/3-Atomoxetine placebo and parent training in autism	\$274,428	Q4.S.F	University of Rochester
2011 Cerebellum Gordon Research Conference	\$20,000	Q7.K	Gordon Research Conferences
2/5-Randomized trial of parent training for young children with autism	\$214,120	Q4.S.D	The Ohio State University
2/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$311,729	Q4.L.C	Seattle Children's Hospital
2/3-Multisite RCT of early intervention for spoken communication in autism	\$392,336	Q4.S.F	University of Rochester
2/3-Atomoxetine placebo and parent training in autism	\$356,865	Q4.S.F	The Ohio State University
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum	\$39,418	Q4.S.D	University of Michigan
2/2-Effects of parent-implemented intervention for toddlers with autism spectrum	\$866,055	Q4.S.D	Weill Cornell Medical College
1/5-Randomized trial of parent training for young children with autism	\$438,608	Q4.S.D	Yale University
1/4-RUPP Autism Network: Guanfacine for the treatment of hyperactivity in PDD	\$337,175	Q4.L.C	Indiana University-Purdue University Indianapolis
1/3-Multisite RCT of early intervention for spoken communication in autism	\$541,313	Q4.S.F	University of California, Los Angeles
1/3-Atomoxetine placebo and parent training in autism	\$269,971	Q4.S.F	University of Pittsburgh
1/2-Effects of parent-implemented intervention for toddlers with autism spectrum	\$509,643	Q4.S.D	Florida State University

